

**Table C-97. Federal obligations for R&D plant, by agency:  
fiscal years 1981-91**

[Dollars in millions]

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| Agency and subdivision               | 1981    | 1982    | 1983    | 1984    | 1985    | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    |
|--------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Total, all agencies .....            | 1,485.7 | 1,389.8 | 1,297.5 | 1,787.3 | 1,820.8 | 1,538.8 | 1,846.0 | 2,057.1 | 2,165.1 | 2,271.7 | 2,852.8 |
| Departments:                         |         |         |         |         |         |         |         |         |         |         |         |
| Dept of Agriculture, total .....     | 20.8    | 21.5    | 33.9    | 39.2    | 40.6    | 79.4    | 111.8   | 135.2   | 89.2    | 102.2   | 144.6   |
| Agricultural Research Svc .....      | 17.6    | 21.1    | 23.4    | 28.8    | 29.0    | 69.2    | 43.9    | 55.5    | 55.2    | 44.4    | 64.7    |
| Animal & Plant Health                |         |         |         |         |         |         |         |         |         |         |         |
| Inspection Service .....             | .0      | .0      | .0      | .0      | .0      | .0      | .0      | .5      | .3      | 6.1     | .0      |
| Cooperative State Research,          |         |         |         |         |         |         |         |         |         |         |         |
| Ed. & Extension Service .....        | .0      | .0      | 10.0    | 10.0    | 10.0    | 9.5     | 67.6    | 76.2    | 32.2    | 46.9    | 61.5    |
| Forest Service .....                 | 3.2     | .4      | .5      | .4      | 1.6     | .6      | .3      | 2.9     | 1.6     | 4.9     | 18.4    |
| Department of Commerce, total .....  | 1.3     | 1.0     | .7      | 9.4     | 4.2     | 9.3     | 5.2     | 11.2    | 9.1     | 15.4    | 15.7    |
| National Institute of                |         |         |         |         |         |         |         |         |         |         |         |
| Standards & Technology .....         | .5      | 1.0     | .7      | 9.4     | 4.2     | 7.7     | 2.0     | 10.7    | 8.6     | 8.8     | 8.5     |
| National Oceanic &                   |         |         |         |         |         |         |         |         |         |         |         |
| Atmospheric Administration .....     | .8      | .0      | .0      | .0      | .0      | 1.5     | 3.2     | .5      | .5      | 6.6     | 7.3     |
| Department of Defense, total .....   | 277.7   | 290.5   | 312.5   | 529.2   | 530.9   | 286.1   | 477.2   | 435.8   | 499.3   | 487.3   | 425.7   |
| Defense Agencies .....               | 7.4     | 25.2    | 5.8     | 14.2    | 4.6     | 4.5     | 72.1    | 124.4   | 114.4   | 51.6    | 128.4   |
| Department of the Air Force .....    | 159.6   | 84.7    | 138.7   | 285.4   | 291.3   | 130.1   | 270.3   | 143.7   | 250.2   | 322.2   | 152.3   |
| Department of the Army .....         | 12.8    | 24.7    | 26.3    | 56.2    | 52.9    | 53.9    | 65.8    | 92.8    | 45.1    | 53.1    | 91.0    |
| Department of the Navy .....         | 97.9    | 155.9   | 141.7   | 173.4   | 182.1   | 97.6    | 69.0    | 74.9    | 89.6    | 60.4    | 54.0    |
| Department of Education .....        | .0      | .0      | .0      | .0      | 1.1     | 6.6     | 21.0    | 5.2     | 1.9     | 8.9     | 4.2     |
| Department of Energy .....           | 978.2   | 914.0   | 757.7   | 852.4   | 868.4   | 742.3   | 772.2   | 915.0   | 873.0   | 916.0   | 1,220.1 |
| Department of Health & Human         |         |         |         |         |         |         |         |         |         |         |         |
| Services, total .....                | 23.7    | 24.7    | 47.9    | 31.1    | 42.1    | 37.9    | 36.7    | 19.5    | 78.6    | 107.8   | 86.3    |
| Alcohol, Drug Abuse, & Mental        |         |         |         |         |         |         |         |         |         |         |         |
| Health Administration .....          | .2      | 3.3     | 1.8     | .3      | .4      | .5      | .6      | .0      | .0      | .0      | .0      |
| Food & Drug Administration .....     | 1.2     | 2.0     | 28.5    | 3.0     | 13.0    | 8.0     | .8      | .5      | 23.0    | 23.0    | 18.4    |
| National Insts of Health .....       | 22.3    | 19.4    | 17.5    | 27.8    | 28.8    | 29.4    | 35.3    | 19.0    | 55.6    | 84.8    | 67.8    |
| Social Security Admin .....          | .0      | .0      | .0      | .0      | .0      | .0      | .0      | .0      | .0      | .0      | -       |
| Dept of the Interior, total .....    | 3.5     | 1.3     | 2.4     | 5.2     | 4.2     | 4.3     | 11.8    | 9.4     | 10.8    | 14.0    | 22.2    |
| Bonneville Power Admin .....         | .3      | NA      | NA      | NA      | NA      | NA      | NA      | NA      | NA      | NA      | NA      |
| Bureau of Mines .....                | .6      | .1      | .1      | -       | .0      | .0      | .0      | .0      | 2.6     | 3.0     | 2.1     |
| Geological Survey .....              | .0      | .0      | 1.4     | 1.0     | .8      | .8      | .8      | .8      | 1.3     | 1.3     | 3.3     |
| Minerals Management Service .....    | NA      | .0      | .0      | .0      | .0      | .0      | .0      | .0      | .0      | .2      | .3      |
| Office of Water Rsch & Tech .....    | .8      | .9      | .0      | .0      | NA      | NA      | NA      | NA      | NA      | NA      | NA      |
| United States Fish &                 |         |         |         |         |         |         |         |         |         |         |         |
| Wildlife Service .....               | 1.8     | .3      | .9      | 4.2     | 3.4     | 3.5     | 11.0    | 8.6     | 6.9     | 9.5     | 16.6    |
| Department of Justice, total .....   | .0      | .0      | .0      | .0      | .0      | .0      | 11.1    | .0      | .0      | .0      | .0      |
| Fed Bureau of Investigation .....    | .0      | .0      | .0      | .0      | .0      | .0      | 11.1    | .0      | .0      | .0      | .0      |
| Dept of Transportation, total .....  | 18.9    | 11.9    | 21.9    | 16.9    | 9.0     | 12.1    | 11.2    | 13.9    | 15.5    | 21.8    | 18.4    |
| Coast Guard .....                    | .0      | .0      | .0      | .0      | .0      | .0      | .0      | .3      | .0      | .4      | .4      |
| Federal Aviation Admin .....         | 8.9     | 5.1     | 21.4    | 16.4    | 8.5     | 10.9    | 10.4    | 13.2    | 15.5    | 21.4    | 16.3    |
| Federal Highway Admin .....          | -       | .0      | .0      | .0      | .0      | .7      | .3      | .0      | .0      | .0      | .0      |
| Federal Railroad Admin .....         | 9.5     | 6.3     | .0      | .0      | .0      | .0      | .0      | .4      | .0      | .0      | 1.7     |
| National Highway Traffic             |         |         |         |         |         |         |         |         |         |         |         |
| Safety Administration .....          | .5      | .5      | .5      | .5      | .5      | .5      | .5      | .0      | .0      | .0      | .0      |
| Dept of the Treasury, total .....    | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      |
| United States Customs Service .....  | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      | .1      |
| United States Secret Service .....   | .0      | .0      | .0      | .0      | .0      | .1      | -       | -       | -       | -       | -       |
| Department of Veterans Affairs ..... | 14.8    | 2.8     | 10.5    | 6.1     | 3.3     | 4.8     | 5.9     | 19.5    | 11.0    | 3.3     | 3.4     |

See explanatory information, if any, and SOURCE at end of table.

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fiscal years 1981-91**

[Dollars in millions]

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| Agency and subdivision                                   | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Other agencies:  |       |       |       |       |       |       |       |       |       |       |       |
| General Services Admin .....                             | .0    | .0    | .0    | .0    | .0    | 18.8  | .0    | .0    | .0    | 18.8  | 22.6  |
| International Development                                |       |       |       |       |       |       |       |       |       |       |       |
| Cooperation Agency, total .....                          | 8.0   | 6.0   | 4.8   | 7.8   | 6.9   | 7.5   | 6.8   | 6.1   | .0    | .0    | .0    |
| Agcy for Internat'l Dvlpmt .....                         | 8.0   | 6.0   | 4.8   | 7.8   | 6.9   | 7.5   | 6.8   | 6.1   | .0    | .0    | .0    |
| Nat'l Aero & Space Admin .....                           | 115.8 | 113.7 | 100.8 | 244.2 | 234.3 | 275.0 | 309.4 | 428.2 | 519.5 | 527.0 | 723.6 |
| National Science Foundation .....                        | 14.6  | 1.5   | 3.2   | 45.2  | 73.6  | 53.2  | 61.3  | 56.9  | 53.6  | 39.3  | 159.6 |
| Nuclear Regulatory Commission .....                      | 7.7   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Smithsonian Institution .....                            | .4    | .5    | 1.0   | .2    | 1.6   | .7    | 2.9   | .7    | 3.4   | 4.8   | 1.5   |
| Tennessee Valley Authority .....                         | .4    | .3    | .3    | .2    | .5    | .8    | .3    | .4    | .2    | 4.9   | 4.8   |
| United States Arms Control &<br>Disarmament Agency ..... | .0    | .0    | .0    | .0    | .0    | .0    | 1.0   | .0    | .0    | .0    | .0    |

**KEY:** - = Amount less than 50 thousand dollars  
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**NOTES:** Because of rounding, detail may not add to totals.

Data for only those agencies and sub-divisions that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For notes associated with the agencies listed in this table, refer to appendix B.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002